

RG 104, 8NS-104-94-077
Box 6

8NS-104-94-077, Miscellaneous
Correspondence & Memos, 1897-1994

Notes on Haitian Currency

50-CENTIME

HAITI,

DIA - 1.142

WT. 152.7 grs

THICKNESS - .068

9-2-70

10-Centime

HAITI

DIA .903

WT. 61.73

THICKNES - 0445

5-CENTIMO

HAITI

DIA .793

WT = 42.44

THICKNESS - .0395

8-27-70

Blank Sample
Olin Haiti 50 Centime

Rolling Room

3-10-75

10 Blanks

20-CENTIMES

HAITI

.0635 - SL.

1.031 - DIA.

115.74 grs = WT

Subera

ances:

Cut Blank

Diameter: All ± 0.003

Thickness: 1¢ through 50¢ ± 0.0015 ; \$1 ± 0.0020

Upset Blank

Diameter: All ± 0.001

Thickness: All ± 0.001

Please prepare an ample supply of blanks for trial striking. It is understood that you have collars for each denomination.

- Upon receipt of orders from the SFAO, manufacture and ship dies, reeded collars, and coin bags.

DENVER MINT

- Receive and blank the following coinage strip using existing blanking die sets.

	<u>Alloy</u>	<u>Quantity</u>	<u>Gauge</u> <u>(± 0.0015)</u>	<u>Strip Width</u> <u>($\pm 1/32$)</u>
1¢	95 Cu - 5 Zn	55,800 lbs.	0.047"	11 15/16"
5¢	75 Cu - 25 Ni	34,600 lbs.	0.058"	11 15/16"
10¢	"	29,300 lbs.	0.035"	11 15/16"
25¢	"	28,500 lbs.	0.049"	11 15/16"
50¢	"	28,400 lbs.	0.062"	11 15/16"
\$1	"	33,300 lbs.	0.087" *	11 15/16"
		209,900 lbs.		

- Expected yield from this material, based on information provided by Mr. Darlington to Mr. Collicelli, is as follows:

	<u>% Yield</u>	<u>No. of Blanks</u>	<u>Lbs. of Blanks</u>
1¢	57%	5,350,000	31,800
5¢	59%	2,140,000	20,400
10¢	60%	4,290,000	17,600
25¢	62%	1,710,000	17,600
50¢	62%	860,000	17,600
\$1	53%	430,000	17,600

*tolerance ± 0.002

3. Fabricate in-house or arrange for purchase of collars for the one and five cent denominations.

4. Place order for coin bags, and initiate procurement action on boxes and skids. Markings for bags and boxes are yet to be provided by Liberia.

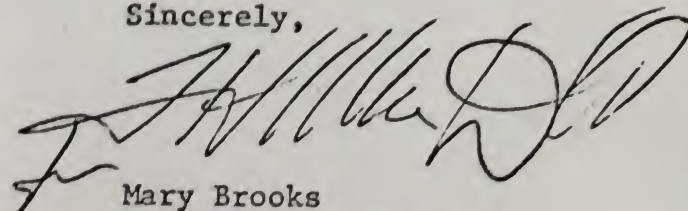
5. Package coins for shipment in the following manner:

	<u>Coins</u> <u>Per Bag</u>	<u>Bags</u> <u>Per Box</u>	<u>Boxes</u> <u>Per Skid</u>	<u>Total</u> <u>Bags</u>	<u>Total</u> <u>Boxes</u>	<u>Total</u> <u>Skids</u>
1¢	5,000	2	36	1,000	500	14
5¢	4,000	2	30	500	250	9
10¢	10,000	2	28	400	200	15
25¢	4,000	2	28	400	200	5
50¢	2,000	2	28	400	200	5
\$1	1,000	2	28	400	200	5
				3,100	1,550	

Production of this order is to commence as soon as practical after completion of the 33.2 million piece Haiti order; based on present estimates, we can expect the start-up date to be the week of April 7, 1975 with completion the week of May 5, 1975.

The cost of manufacture for this order includes delivery, C.I.F., Monrovia, Liberia.

Sincerely,



Mary Brooks
Director of the Mint

DENVER MINT

1. Receive and blank the following coinage strip using existing blanking die sets.

	<u>Alloy</u>	<u>Quantity</u>	<u>Gauge</u> <u>(±.0015)</u>	<u>Strip Width</u> <u>(± 1/32)</u>
1¢	95 Cu - 5 Zn	55,800 lbs.	0.047"	11 15/16"
5¢	75 Cu - 25 Ni	34,600 lbs.	0.058"	11 15/16"
10¢	"	29,300 lbs.	0.035"	11 15/16"
25¢	"	28,500 lbs.	0.049"	11 15/16"
50¢	"	28,400 lbs.	0.062"	11 15/16"
\$1	"	23,300 lbs.	0.087" *	11 15/16"
		209,900 lbs.		

2. Expected yield from this material, based on information provided by Mr. Darlington to Mr. Gallucci, is as follows:

Haiti

Furnish coinage dies and coin bags as orders for same are placed by the SFAO.

DENVER MINT

1. Upon instructions from the Office for Production, ship the following on hand nickel silver scrap to designated strip fabricator.

70% Cu - 12% Ni - 18% Zn

Ingots 1 3/4" x 12" x 60"	18,694 lbs.
Blanking Scrap	<u>111,000 lbs.</u>
	129,694 lbs.

2. Receive and blank 50 Centime material as follows:

50,000 lbs.
.067 ± .0015" gauge
 11 15/16" strip width
 blank to 1.141" ±.002 diameter
 -.000

Completed 3-10-75

Existing blanking die set, at anticipated strip to blank yield of 56%, is to be used.

Ship cut blanks to the SFAO and return the blanking scrap to the strip fabricator in containers to be provided by him.

SFAO

1. Fabricate blanking die sets for three Haiti coin denominations: 5 Centime, 10 Centime, and 20 Centime. It is understood that:

- (a) Cost for each die set will be approximately \$7,300
- (b) Die set layout is designed for 11 15/16" wide strip
- (c) Strip to blank yield will be in excess of 70%

Cut blank diameters for each of the three denominations are to be:

5 Centime	0.791"	±.002	-.000
10 Centime	0.902"	±.002	-.000
20 Centime	1.033"	±.002	-.000



OFFICE OF
DIRECTOR OF THE MINT

DEPARTMENT OF THE TREASURY

WASHINGTON, D.C. 20220

RECEIVED

DEC 16 1974

OFFICE OF
SUPERINTENDENT
U. S. MINT AT DENVER

DEC 12 1974

Superintendent, United States Mint, Philadelphia, Pennsylvania
Superintendent, United States Mint, Denver, Colorado
Officer in Charge, United States Assay Office, San Francisco, Calif.

Plans have been firmed up for the production of 33,200,000 Haiti coins, as follows:

<u>Denom.</u>	<u>Qty.</u>	<u>Alloy</u>	<u>Wt.</u> <u>(Grams)</u>	<u>Dia.</u> <u>(MM)</u>	<u>*Thickness</u> <u>(MM)</u>
5 Centime	16,000,000	70Cu/12Ni/18Zn	2.75	19.9	1.3
10 Centime	12,000,000		4.00	22.7	1.4
20 Centime	4,000,000		7.50	26.2	1.9
50 Centime	1,200,000		9.88	29.0	1.9

*Adjustments may be necessary upon trial strike procedure.

All denominations have plain edges

Tolerances: Diameter: $\pm .089$ MM
Edge Thickness: $+ 0.140$ MM - $.089$ MM
Weight: $\pm 4.0\%$

It is planned for the SFAO and the Denver Mint to be involved in the production of the above coins to the extent outlined. It is therefore requested that each facility proceed on the Haiti coin production program and implement action as follows. The Philadelphia Mint is involved to the extent of shipping out on hand nickel silver scrap and the production of dies and coin bags.

PHILADELPHIA MINT

1. Upon instructions from the Office for Production, ship the following on hand nickel silver scrap to designated strip fabricator.

70% Cu - 12% Ni - 18% Zn

Ingots 6" x 16" x 48"	94,634 lbs.
Coils 16" wide x 24-36" O.D.	36,000 lbs.
	<u>130,634 lbs.</u>

2. Complete trial strikes on the Haiti coins as required.



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3. Furnish coinage dies and coin bags as orders for same are placed by the SFAO.

DENVER MINT

1. Upon instructions from the Office for Production, ship the following on hand nickel silver scrap to designated strip fabricator.

70% Cu - 12% Ni - 18% Zn

Ingots 1 3/4" x 12" x 60"	18,694 lbs.
Blanking Scrap	<u>111,000 lbs.</u>
	129,694 lbs.

2. Receive and blank 50 Centime material as follows:

50,000 lbs.
.067 $\pm$.0015" gauge
11 15/16" strip width
blank to 1.141" $\pm$.002 diameter
-.000

Existing blanking die set, at anticipated strip to blank yield of 56%, is to be used.

Ship cut blanks to the SFAO and return the blanking scrap to the strip fabricator in containers to be provided by him.

SFAO

1. Fabricate blanking die sets for three Haiti coin denominations: 5 Centime, 10 Centime, and 20 Centime. It is understood that:

- (a) Cost for each die set will be approximately \$7,300
- (b) Die set layout is designed for 11 15/16" wide strip
- (c) Strip to blank yield will be in excess of 70%

Cut blank diameters for each of the three denominations are to be:

5 Centime	0.791"	+ .002	- .000
10 Centime	0.902"	+ .002	- .000
20 Centime	1.033"	+ .002	- .000

2. Receive and blank 5 Centime, 10 Centime, and 20 Centime coinage strip as follows:

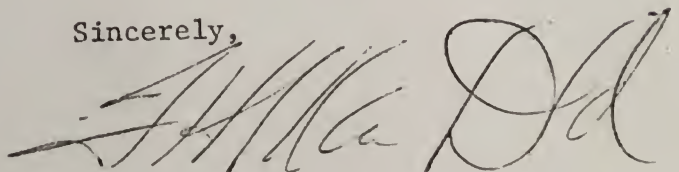
		<u>Gauge</u> <u>($\pm .0015$)</u>	<u>Strip Width</u> <u>($\pm 1/32$")</u>
5 Centime	148,500 lbs.	0.039"	11 15/16"
10 Centime	162,000 lbs.	0.045"	11 15/16"
20 Centime	101,200 lbs.	0.064"	11 15/16"

Process the blanks into coin and return the blanking scrap to the strip fabricator in containers to be furnished by him.

3. Receive the approximate 28,000 pounds of 50 Centime blanks from the Denver Mint and process into coins.
4. Place orders for required coinage dies and coin bags. Information on markings for coin bags are yet to be provided by Haiti.
5. Fabricate in-house or arrange for outside purchase of collars for the four denominations of coins.
6. Initiate procurement action on boxes. Markings and numbering on boxes are yet to be provided by Haiti.
7. Package coins for shipment. Information on packaging of coins is as follows:

	<u>Coins</u> <u>per</u> <u>Bag</u>	<u>Bags</u> <u>per</u> <u>Box</u>	<u>Total</u> <u>Bags</u>	<u>Total</u> <u>Boxes</u>	<u>Skids</u> <u>Req'd</u>
5 Centime	8,000	2	2,000	1,000	29
10 Centime	6,000	2	2,000	1,000	29
20 Centime	3,000	2	1,334	667	27
50 Centime	2,000	2	600	300	12

Sincerely,



F.H. MacDonald
Acting Director of the Mint



OFFICE OF
DIRECTOR OF THE MINT

THE DEPARTMENT OF THE TREASURY
WASHINGTON, D.C. 20220

R+C

RECEIVED

JAN 17 1973

OFFICE OF
SUPERINTENDENT
U. S. MINT AT DENVER
January 11, 1973

Mrs. Betty Higby
Superintendent
United States Mint
Colfax and Delaware Streets
Denver, Colorado 80204

Dear Mrs. Higby:

You are requested to furnish to San Francisco the following quantities of cut blanks for use in manufacturing coins for Haiti.

<u>Denomination</u>	<u>Quantity</u>	<u>Alloy</u>	<u>Diameter</u>	<u>Thickness</u>
20 Centime	1,650,000	70Cu-18Zn-12Ni	1.036 inches	.0625 inches
50 Centime	660,000	70Cu-18Zn-12Ni	1.141 inches	.067 inches

Sincerely

Mary Brooks
Director of the Mint



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✓ Harry R.
Copy to: Director
Chas. M.

Wänti

3-21-73

12" Die 600,000 Pcs. 50 Containers = 69 Ingots
Diameter 1.142 thickness .068 wt 152.7 gm

6" Die. 1,500,000 Pcs. 20 Containers = 130 Ingots
Diameter 1.031 thickness .0635 wt 115.74 gm

German Silver

Thickness	Per cent	Weight per coin	Diameter
20 Centimes .0625	1,000,000	115.74 gram.	1.031

10 Centimes .043	2,500,000	61.73 gram	.900
		12-9	

5 Centimes .038	5,000,000	42.44 gram	.793
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Received
8-3-70

Waste - Frank Colloso
Cut Blank.

1,031

Sample
3,000

20 Centimes 1,020 Blank size
0625 Thickness 1,000,000 7.5 grams ✓ 115.74 grains
241,000 1,024 Mills 0396 1.91 26.2 mm dia. 1.0236
42 241 0356 0079
70 241 0749 1.0315
Q-doller tool 26.0 1.031

10% +
120 Sample
903 6,000

10 Centimes 900 Blank size
043 Thickness 2,500,000 4 grams ✓ 61.73 grains
321,500 22.7 mm dia. 1.286
56 241 0396 1.8661
94 " 0356 0276
0749 8937
1.4 0396 894
0356 0551
057

7.93 Dual

5 Centimes 793 Blank size
038 Thickness 5,000,000 2.75 grams ✓ 42.40 grains
442,010 19.9 mm dia. 0884
77 241 0396 07480
129 0356 0356
078 mills 07834
1.3 0396 78
0118 0512
050

0395
Thickness

70% Cu - 18 Zn - 12 ni
75% Cu - 15 Zn - 10 ni

Mfg - Metal - Boxes

70
94
129
293
300 241

Above from Frank Colloso
1:00 PM 6/2/70

Recovered 8737 oz from 3 coils 20 Centimes Waste

Tony:

John:

I would like a favor from you. Check with Met Osborne on the condition, and the width of strip for the following blanking dies.

Haiti:

10 Centime	.903 - 25 ^d	12" Liberator Die
20 Centime	1.031	6" Strip-Ready
50 Centime	1.142	12" Strip

Liberia:

1 Cent	.704	12" Strip
5 Cent	.793	12" Strip
10 Cent	.668	20 ready to go. 12" strip
25 Cent	.905	12" Strip
50 Cent	1.135	6" Ready to Go
1.00 Dollar	1.338	6" Ready to Go

Katie - Frank Colicelli German Silver

Single
3,000

20 Centimes

241,000
42 gms
70 mgts

1,000,000

0394
0356
0749

1.9 gms

7.5 grams

26.2 mm dia

26.0

✓ 115.74 grains
.241 g
1.0236
0079
1.0315

10% +
Rolling
Single
6,000

10 Centimes

321,500
56 gms
94 "

2,500,000

4 grams

22.7 mm dia

1.4

61.73 grains
.1286 g
.8661
0276
.8937

Steel
8,100

5 Centimes

442,000
77 gms
129

5,000,000

2.75 grams

19.9 mm dia

1.3

42.40 grains
.0884 g
.7480
0354
.7834

70% Cu - 18 Zn - 12 Ni

75% Cu - 15 Zn - 10 Ni

Mfg - Metal - Boxes

70
94
129
293
300 mgts

Above from Frank Colicelli

1:00 PM 6/2/70

R+C

UNITED STATES GOVERNMENT

Memorandum

TO : Superintendent of Melting, Coining, Assay
and Mechanical Division

DATE: November 10, 1972

FROM : Cost Accounting Branch

SUBJECT: Job Numbers for Haiti 20 Centime and 50 Centime Blanks

Melting:

Dept.	Charge	Denomination
7700	7763	Ingot

1-7-73

Process Weigh:

8100	60.52	8163 (128 Ingot)	20 Centime	659,000 Million Pcs
	46 Blankets	8164	50 Centime	660,000 Pcs

✓ Rolling:

7900	7963	20 Centime
	7964	50 Centime

✓ Blanking:

8200	8263	20 Centime
	8264	50 Centime

Assay:

3500	3563	Ingot
------	------	-------

Mechanical:

6000	8263	20 Centime
		Die Sets
	8264	50 Centime
		Die Sets



Government HAITI

No. Pieces 2,500,000

Date order received <u>Sept. 1, 1970</u>	Was master die furnished <u>No</u>
Mint where coined <u>Denver</u>	Was master die returned _____
Denomination <u>10 Centimes</u>	Number melts made <u>101-1 Scrapped</u>
Date coinage started <u>Sept. 10, 1970</u>	No, melts delivered to Coiner <u>100</u>
Date coinage completed <u>Oct. 2, 1970</u>	Ounces per melt <u>5800</u>
Cost per M _____	No. ingots per melt <u>One</u>
Alloy <u>German Silver 70cu. 18ZN 12 NI</u>	Weight per ingot <u>5800</u>
Weight per coin <u>61.73 Grains</u>	Size of ingot <u>1 3/4X12X5</u>
Weight tolerance <u>3 Grains</u>	Assay passing tol. on ingot _____
Fineness _____ Tol. _____	Diameter of cut blank <u>.900</u>
Diameter <u>.894</u> Tol. <u>±.002</u>	Thickness of cut blank <u>.043</u>
Thickness <u>.057</u> Tol. <u>±.002</u>	Diameter of upset blank <u>.885</u>
Reeded edge <u>No</u>	Edge thickness upset blank <u>.056</u>
Plain edge <u>Yes</u>	Pieces cut across strip <u>9</u>
Lettered edge <u>No</u>	Pieces cut at one stroke <u>12</u>
Wastage allowed per M _____	Annealing temperature <u>1400°</u>
Turn - standard or medal <u>Standard</u>	% rejects, automatic scales <u>No</u>
Year (dated) <u>1970</u>	% Recovery _____
Mint mark <u>None</u>	% rejects if reviewed <u>58%</u>
Was sample coin submitted <u>Yes</u>	Blanks. _____
Was sample strike approved <u>Yes</u>	from ingots <u>333,213 OZ.</u>
Die Used: _____	No. pieces per bag <u>6,000</u>
Obv.- 17 _____ Date shipped _____	Weight tol., M pieces _____
Rev.- 13 _____	
Remarks:	

Used quarter U. S. upset groove. Set up two regular presses.
No problems.

Government

HAITI

No. Pieces 1,000,000

Date order received September 21, 1970

Was master die furnished No

Mint where coined Denver

Was master die returned _____

Denomination 20 Centimes

Number melts made 92-2 scrapped

Date coinage started Sept. 28, 1970

No. melts delivered to Coiner 90

Date coinage completed Oct. 2, 1970

Ounces per melt 5800

Cost per M _____

No. ingots per melt One

Alloy German Silver-70 Cu.18Zn 12 Ni

Weight per ingot 5800

Weight per coin 115.74 Grains

Size of ingot 1 3/4"X12"X5'

Weight tolerance 3 Grains

Assay passing tol. on ingot _____

Fineness _____ Tol. _____

Diameter of cut blank 1.031

Diameter 1.031 Tol. .002

Thickness of cut blank .0625

Thickness .075 Tol. .002

Diameter of upset blank 1.024

Reeded edge No

Edge thickness upset blank .075

Plain edge Yes

Pieces cut across strip 4

Lettered edge No

Pieces cut at one stroke 5

Wastage allowed per M _____

Annealing temperature 1400°

Turn - standard or medal Standard

% rejects, automatic scales _____

Year (dated) 1970

% Recovery _____

Mint mark No

~~xx rejects xx reviewed~~ 55%

Was sample coin submitted Yes

Blanks
~~xx good coins~~ from ingots 285,249

Was sample strike approved Yes

No. pieces per bag 3,000

Dies Used:

Weight tol., M pieces _____

Rev.-- 8

Date shipped _____

Obv.-- 8

Remarks:

Used U. S. half dollar upset groove. Set up two regular presses.
No problems.

Government Haiti

No. Pieces 5,000,000

Date order received August 25, 1970 Was master die furnished No
Mint where coined Denver Was master die returned _____
Denomination 5 Centimes Number melts made 158
Date coinage started Sept. 4, 1970 No, melts delivered to Coiner 158
Date coinage completed Oct. 7, 1970 Ounces per melt 5800
Cost per M _____ No. ingots per melt One
Alloy 70 CU-18ZN-12NI Weight per ingot 5800
German Silver Size of ingot 1 3/4X12X5
Weight per coin 42.44 Grains Assay passing tol. on ingot _____
Weight tolerance 3 Grains Diameter of cut blank .793
Fineness _____ Tol. _____ Thickness of cut blank .038
Diameter .784 Tol. ±.015 Diameter of upset blank .778
Thickness .0512 Tol. ±.002 Edge thickness upset blank .051
Reeded edge No Pieces cut across strip 10
Plain edge Yes Pieces cut at one stroke 13
Lettered edge No Annealing temperature 1400°
Wastage allowed per M _____ % rejects, automatic scales No
Turn - standard or medal Standard Condemned coin & blanks _____
Year (dated) 1970 ~~xx rejects xx reviewed~~ 22,317 OZ.
Mint mark None Blanks 464,317 OZ.
Was sample coin submitted Yes No. pieces per bag 8,000
Was sample strike approved Yes Weight tol., M pieces _____
Dies Used: _____
Obv. - 50 _____ Date shipped _____
Rev. - 60 _____
Remarks: _____

Used U. S. cent upset groove, but had to put a lead on the segments. Figured too close on blanks, had more condemned than expected. Low mileage on dies. Reverse chipped on border. Had only 3,216 good coin in excess after all good blanks were stamped.

UNITED STATES MINT
320 West Colfax Avenue
Denver, Colorado 80204-2693

November 3, 1989

PREFIX (303) 844
FTS 564

Superintendent and Staff

McTURK, BARBARA (Superintendent).4289
Chavez, Pricilla.....4289
Sue, Karen.....5902
Telefax.....3266

Budget and Accounting Division

NEWMAN, RAY (Financial Mgr).....3710
Kemp, Linda.....3701
Gilmore, John.....3713
Reyes, Steve.....3703
Scott, Tom.....2199
Selub, Herb.....3702
Spooner, Ruth.....3634
Van Otterloo.....3717
Williams, Willette.....3702
Computer Room.....3635
Payroll Office
Patterson, Cindy.....2469
Lovato, Rose.....2469
Tober, Gary.....3718
Lopez, Natalie.....3718

Coining Division

DARLINGTON, WILLIAM (Manager)....3650
Lopez, Donna.....4381
Beswick, Sally.....4382
Coordinators - Phillips, Nate
Tani, Tom & Lantz, Mike.....3612
Sweet, Larry (Special Projects)..6245
Bag Room.....3670
Blank/Anneal/Material Handling...3303
Coin Press (1st Floor).....3152
Coin Press (Mezz Office).....3230
Count and Bag.....4509
Die Vault.....3533
Material Handling (Basement).....6420
Melt Room.....5913
Special Coins and Medals.....6404
Upsetting and Reviewing.....5686

Computer Services

HUSNAY, TOM (Chief).....2457
Bishop, Mark.....2456
Garduno, Andy.....2456
Rupprecht, Herman.....2456

Exhibits and Sales Division

RAEL, TITO (Chief).....6202
Carey, Herb.....3331
Dame, Lou.....3560
Tomsick, Lee.....2770
Sales Counter.....3569
Sales Room Pay Phone.....534-9202
Tour Information.....3332/3582/5588

Management Services Division

BREELING, DAN (Chief).....3661
Administrative Services
Mandigo, Beverly.....2196
Labor Reporting
Martinez, Ben.....3719
Myers, Dora.....3712
Cash Branch
Simmons, Rosalee.....3144
McCoy, Leonard.....3143
Eshelman, Everett.....3143
Shipping Section
Langhorn, Ralph.....4747
O Vault.....6671
Q Vault.....2042
Receiving Section
Foglesong, Leroy.....4274
Purchasing Branch
Cason, Leal.....3632
Mason, Nate.....3658
Tiernan, Joan.....3631
Neal, Delores.....3055
Glenn, Nanetta.....4093
Telefax.....4094
Inventory and Supply Branch
Williams, Donald.....6595
Staff.....2810/4409

Personnel Division

GEIGER, JAMES (Personnel Officer)3555
Goodloe, Dianna.....4952
Hart, Leo.....3732
Hawley, Elizabeth.....3570
McDonald, Jean.....3556
Kempf, Gerri.....4951
Wylie, Linda.....4954
Welborn, Mary Lou.....3662
Ramirez, Danette.....2660

Police Division

WALLACE, Norman (Chief).....4465
Mosher, Larry (Asst Chief).....3563
Cuthrell, Robert.....4465
Warren, Chester.....3563
Shift Supervisor.....3096
Control Room.....4123/5720
N.C.I.C. Operator.....3315
Operations.....3403
Employee Entrance.....2460
Front Entrance.....2430
Firing Range.....4082
Northwest Tower.....3616
Southwest Tower.....3726
South Dock.....3725

Plant Engineering Division

SJAARDEMA, DUANE (Chief).....3500
Wall, Annette.....4508
Gerard, Chauncey.....4516
Nagy, Joe.....3962
Achziger, Ed.....3507
Andrews, Chuck.....2595
Bruxvoort, Brandt.....6050
Lataitis, Joe.....3711
Nikolayevsky, Boris.....2010
Sanchez, Anthony (3rd shift)....4479
Sanchez, Joe (2nd shift).....5730
Boiler Plant
Valencia, Richard.....3271
Carpenter Shop
Baca, Leroy.....3583
Electric Shop
Miller, Gerry.....3302
Wolff, Bob.....4056
Machine Shop
Perez, Jose.....4479/3548
Vieyra, Richard.....4470/3465
Madison Grinder Room.....3272
Scale Shop.....3766
Weld Shop.....3465

Occupational Safety and Health Staff

VACANT (Safety Officer).....3404
Todd, David.....3633
Health Office
Coogan, Tom.....4735
EMERGENCY.....3237

Quality and Technical Support Staff

VACANT (Assayer).....6055
Reed, Veldon.....3585
Lopez, Frank.....6055
Staff.....6055
Sample Review Station.....6423

Other Numbers

AFGE Local 695.....4834
Conference Rooms
Aspen (3rd floor).....4551
Colorado (1st floor - large)....4124
Denver (1st floor - small).....3736
Credit Union.....534-0215
Custodial Services.....893-0402
Pager.....821-4710
Federal Information Center.....6575
GEO (Industrial Hygienist).....2166
Pager.....890-6467
HSA (Asbestos Contractor).....3647
Pager.....851-3239
Lunch Room.....3466

$$20 = 1.031$$

$$50 = 1.142$$

1/12/73

Order

1,500,000

600,000

20 Centimes

50 Centimes

Haiti

Genl.

1,650,000

660,000

2	1	7	6	5	4	3
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

2	1	7	6	5	4	3
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

2	1	7	6	5	4	3
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

WEDNESDAY

8

DECEMBER

S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S							
JANUARY							FEBRUARY							MARCH							APRIL							MAY							JUNE						
3	4	5	6	7	8	9	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
10	11	12	13	14	15	16	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5					
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22					
24	25	26	27	28	29	30	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26					
31																																									
JULY							AUGUST							SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER						
4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
11	12	13	14	15	16	17	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6					
18	19	20	21	22	23	24	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13					
25	26	27	28	29	30	31	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
							29	30	31																																
															</																										

50.2 56.7 152.7 81=21.9

NOVEMBER							1971 DECEMBER 1971							JANUARY						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
	1	2	3	4	5	6				1	2	3	4							1
7	8	9	10	11	12	13	5	6	7	8	9	10	11	2	3	4	5	6	7	8
14	15	16	17	18	19	20	12	13	14	15	16	17	18	9	10	11	12	13	14	15
21	22	23	24	25	26	27	19	20	21	22	23	24	25	16	17	18	19	20	21	22
28	29	30					26	27	28	29	30	31		23	24	25	26	27	28	29
														30	31					

DECEMBER 8 WEDNESDAY

ENGAGEMENTS		MEMORANDA	
8:00			
8:30	20 Centimeter	60.52	
9:00	50 Centimeter	46	
9:30			
10:00			
10:30			
11:00			
11:30			
12:00			
12:30			
1:00			
1:30			
2:00			
2:30			
3:00			
3:30			
4:00			
4:30			
5:00			

1/12/73
Order

Haiti

Grand.

1,500,000 20 Centimes

1,650,000

600,000 50 Centimes

660,000

JANUARY						
S	M	T	W	T	F	S
1						
2	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

FEBRUARY						
S	M	T	W	T	F	S
1						
2	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

MARCH						
S	M	T	W	T	F	S
1						
2	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

WEDNESDAY

8

DECEMBER

AUGUST						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

SEPTEMBER						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

OCTOBER						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

SEPTEMBER

22

FRIDAY

ENGAGEMENTS	MEMORANDA
9:00	
9:30	
10:00	
10:30	
11:00	
11:30	
12:00	
12:30	
1:00	
1:30	
2:00	
2:30	
3:00	
3:30	
4:00	
4:30	
5:00	

1st anti.
50 Containers 1-3-73

WT. = app. = 150 grains

Diameter = app. 1.142

Thickness = app. .067

70 Ingots,

G.S.

1 147 $\frac{3}{4}$
grains

2 150 $\frac{1}{2}$
grains

3 150 $\frac{1}{4}$ ^{thru then} = .067
grains

15.4 grains = 1 gram

Haiti'

+ 3 grains -
-

on all denom -

10-19-72

Haiti

German Ag.

20 Centimes

50 Cut Blanks

50 Upset Blanks.

50 Centimes

10-20 # Strip

.100 gage

S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S							
JANUARY							FEBRUARY							MARCH							APRIL							MAY							JUNE						
						1	2							1	2	3	4	5	6																						
3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31													
10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31																				
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31																											
24	25	26	27	28	29	30	31																																		
31																																									
JULY							AUGUST							SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER						
						1	2	3	4	5	6	7																													
4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31														
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31																					
18	19	20	21	22	23	24	25	26	27	28	29	30	31																												
25	26	27	28	29	30	31																																			

1971 OCTOBER 1971

SEPTEMBER						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

OCTOBER

29

FRIDAY

ENGAGEMENTS

MEMORANDA

8:00

8:30

9:00

9:30

10:00

10:30

11:00

11:30

12:00

12:30

1:00

1:30

2:00

2:30

3:00

3:30

4:00

4:30

5:00

20. CENTIMES - HAITI

9-25-70

GERMAN SILVER

REC @ 200

PASS	DINL	GAUGE	X-RAY
1	220	.190	
2	195	.170	
3	175	.145	

ANNEAL

4	155	.110	
5	125	.085	
6	110	.072	SELECT. 111
7	115	.0635	98 + $\frac{1}{4}$ ¢

EDGE-.0615 CENTER-.064

DIN-1.031

WT-115.74 grs

5-CENTIMES - HAITI

8-27-70

GERMAN-SILVER

REC @ 205

PASS	DINL	GAUGE	X-RAY
1	220	.190	
2	195	.170	
3	175	.145	

ANNEAL.

4	145	.105	
5	120	.080	
6	95	.060	
7	85	.045	SELECT - 72
8	82	.0395	61-

EDGE-.038

CENTER-.0405

DIN-.793

WT-42.44 grs.

10-CENTIMES - HAITI

9-3-70

Rec. 205

GERMAN SILVER

PASS	DIAL	GAUGE	X-RAY
------	------	-------	-------

1	220	.190	
---	-----	------	--

2	195	.170	
---	-----	------	--

3	175	.145	
---	-----	------	--

ANNEAL

4	145	.105	
---	-----	------	--

5	120	.080	
---	-----	------	--

6	100	.065	
---	-----	------	--

7	92	.050	SELECT - 78
---	----	------	-------------

8	92	.0445	69+
---	----	-------	-----

EDGE = 0.425 CENTER = .045 DIA. = .903 WT = 60.73 grs.

50-CENTIMES - HAITI

1-8-73

Rec @ 2.15

GERMAN SILVER

PASS	DIAL	GAUGE	X-RAY
------	------	-------	-------

1	220	.190	
---	-----	------	--

2	195	.170	
---	-----	------	--

3	175	.145	
---	-----	------	--

ANNEAL

4	155	.110	
---	-----	------	--

5	125	.085	
---	-----	------	--

6	125	.075	SELECT - 119
---	-----	------	--------------

7	125	.068	10.7 + 1/2
---	-----	------	------------

EDGE = 0.66 CENTER = 0.675 DIA = 1.142 WT = 152.7 grs

TONY

7/23/74

HAITI COINAGE ESTIMATE

PLEASE PROVIDE ME WITH THE FOLLOWING INFORMATION BY 10:00 AM 7/24. NO. OF MEN REQUIRED, THEIR PRESENT WAGES + NO. OF HOURS FOR EACH TO MAKE THE FOLLOWING COINS, ALSO INCLUDE AMOUNT OF SPECIALIZED EQUIPMENT REQUIRED SUCH AS DIE, COLLARS, BAGS, PRESS TOOLING ETC.

$$1,600,000^P = 6,312 \text{ lbs @ } 164.74 \text{ P.LB}$$

A. 5 CENTIME

$$16,000,000 \text{ PCS} = \frac{192,000}{6,312} \text{ lbs}$$

1 Punch 130 hrs. FROM PURCHASED GERMAN SILVER STRIP

1 Man 15.62 COIN THICKNESS = .051", COIN DIA. 0.784"

8,000 COINS PER BAG, 2 BAGS PER BOX

$$1,200,000^P = 6,886 \text{ lbs @ } 113.26 \text{ P.LB}$$

B. 10 CENTIME

$$12,000,000 \text{ PCS} = \frac{105,820}{6,886} \text{ lbs}$$

1 Punch 110 hrs. FROM PURCHASED GERMAN SILVER STRIP

1 Man 15.62 COIN THICKNESS = .057", COIN DIA. 0.894"

6,000 COINS PER BAG, 2 BAGS PER BOX

APPROXIMATELY $\frac{150,000}{10,000}$ lbs OF STRIP WILL BE NEEDED FOR EACH ORDER, RESULTING IN ABOUT $\frac{50,000}{3500}$ lbs OF SCRAP FROM EACH ORDER

N. H. Darlington

Notes on Haitian Currency

